查询JQX-115供应商

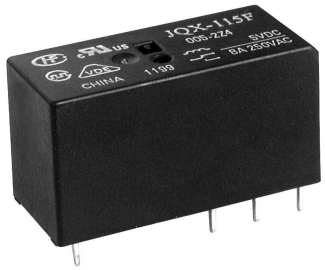
JQX-115F MINIATURE HIGH POWER RELAY

File No.:15008

File No.:E133481

File No.:116934

File No.:CH0031853-99



Features

- Low height 15.7 mm
- 16A switching capabilities
- 1&2 pole configurations
- 5KV dielectric coil to contacts
- Creepage distance 10mm
- Sealed & unsealed type available

CONTACT DATA

Contact Arrangement	1A 1B 1C	2A 2B 2C
Initial Contact Resistance Max.	50mΩ(at 1A 6VDC)	
Contact Material	Silver alloy	
Contact Rating (Res. Load)	12A/ 16A 250VAC 10A/ 24VDC	8A 250VAC 8A 24VDC
Max. switching voltage	440VAC	
Max. switching current	16A	8A
Max. switching power	3000VA/ 4000VA	2000VA
UL/CUR rating	16A 277VAC 12A 277VAC 8A 277VAC	
VDE rating	16A 250VAC 12A 250VAC 8A 250VAC	
Mechanical life	1 x 10^7 OPS	
Electrical life	1 x 10^5 OPS	

CHARACTERISTICS

Initial Insulation Resistance		1000MΩ (500 VDC)
Dielectric Strength	Between coil and Contacts	5,000VAC 1min.
	Between open contacts	1,000VAC 1min.
	Between contact sets	2,500 VAC 1min.
Operate time (at nomi. Volt.)		7ms
Release time (at nomi. Volt.)		3ms
Temperature rise (at nomi. Volt.)		55˚C
Shock Resistance	Functional	100 m/s^2
	Destructive	1000m/s^2
Vibration Resistance		10 to150 Hz 10g/5g
Humidity		35% to 85%
Ambient temperature		-40˚C to +70˚C
Termination		PCB
Unit weight		13.5g
Construction		Sealed & Unsealed

COIL

Coil power	0.4W

COIL DATA

Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Coil Current (at 20˚C) mA	Coil Resistance Ω
5	3.50	0.5	80.0	62 ± 10%
6	4.20	0.6	66.7	90 ± 10%
12	8.40	1.2	33.3	360 ± 10%
24	16.80	2.4	16.7	1,440 ± 10%
48	33.60	4.8	8.30	5,760 ± 15%
60	42.00	6.0	8.00	7,500 ± 15%
110	77.00	11.0	4.30	25,200 ± 15%

ORDERING INFORMATION

JQX-115F	/	012	1H	S	1	A	F

Type

Coil voltage 5, 6, 12, 24, 48, 60, 110VDC

Contact arrangement 1H: 1 Form A 1D: 1 Form B 1Z: 1 Form C
2H: 2 Form A 2D: 2 Form B 2Z: 2 Form C

Structure Nil: Unsealed S: Sealed

Version 1: 3.5mm 1 pole 12A, 2: 5.0mm 1 pole 12A
3: 5.0mm 1 pole 16A, 4: 5.0mm 2 pole 8A

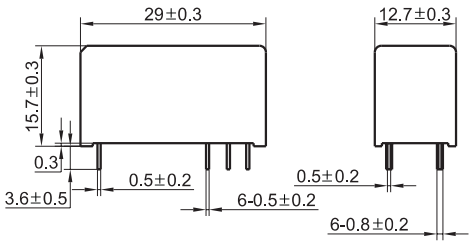
Contact Material A: $AgSnO_2$, B: AgNi10, Nil: AgCdO12

Insulation Standard NIL: Class B 130 ˚C F: Class F 155˚C

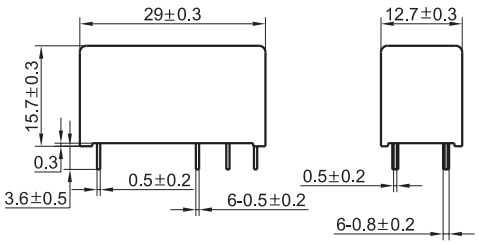
OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

Outline Dimensions

3.5mm Pinning (JQX-115F/ - - -1)

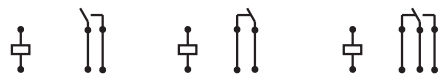


5mm Pinning (JQX-115F/ - - -)

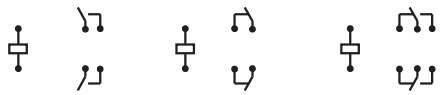


3.5/5mm 1 Pole 12A (JQX-115F/ - - -1)
(JQX-115F/ - - -2)

5mm 1 Pole 16A (JQX-115F/ - - -3)

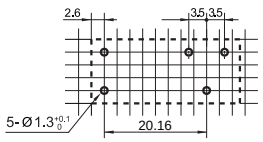


5mm 2 Pole 8A (JQX-115F/ - - -4)

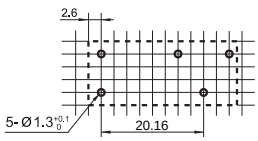


(T=2.52±0.02mm)

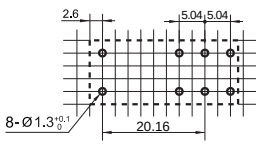
3.5mm 1 Pole 12A



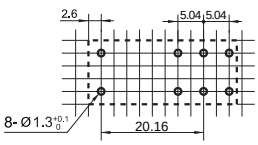
5mm 1 Pole 12A



5mm 1 Pole 16A

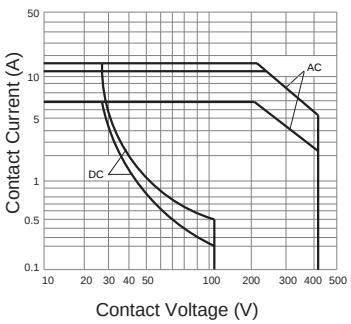


5mm 2 Pole 8A

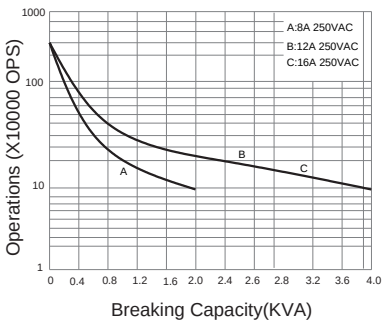


CHARACTERISTICS CURVE

MAXIMUM SWITCHING POWER



LIFE CURVE



COIL OPERATINGRANGE(DC)